

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q66152

Naoki TSUCHIYA, *et al.*

Appln. No.: 09/936,566

Group Art Unit: 1614

Confirmation No.: 8705

Examiner: Laura Lynne Stockton

Filed: September 14, 2001

For: INHIBITOR AGAINST HUMAN CHYMASE ACTIVITY

**AMENDMENT UNDER 37 C.F.R. § 1.111**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 3, 2004, please amend the above-identified application as follows on the accompanying pages.

**TABLE OF CONTENTS**

AMENDMENTS TO THE CLAIMS .....	2
REMARKS .....	14

04/06/2005 NVILLARI 0000002 194880 09936566

01 FC:1252 450.00 DA

is as thromboxane receptor antagonists (TXA<sub>2</sub>). These activities are not "similar" as the Examiner asserted.

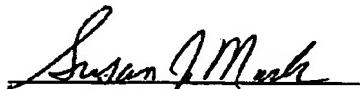
More specifically, TXA<sub>2</sub> receptor is a 7 transmembrane receptor (rhodopsin family) and consists of 343 amino acids. In contrast, chymase is a serine protease and consists of 226 amino acids. Further, chymase does not share homology with TXA<sub>2</sub> in each of the genetic sequence, the three-dimensional protein structure, and the biochemical function.

Accordingly, the compounds recited in the present claims differ from those disclosed in the cited references in both structure and activity, and the Examiner is requested to reconsider and remove the rejection.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

  
\_\_\_\_\_  
Susan J. Mack  
Registration No. 30,951

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: March 29, 2005